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|   | 11 |   |   | US 5624246 A | 19970429   | 10    |
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|   | 13 |   |   | US 5450807 A | 19950919   | 9     |
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|   | 16 |   |   | US 5243244 A | 19930907   | 11    |

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|----|-------------------------------------------------------------------------------------------------------------------------|------------|--------------------------------------------------------------------------|
| 1  | Radial piston hydrostatic<br>transmission of the type<br>incorporated into a<br>horizontally-split<br>housing structure | 60/487     | 91/498                                                                   |
| 2  | Encapsulated additives                                                                                                  | 426/649    | 426/650<br>; 426/96                                                      |
| 3  | Single seal gear pump                                                                                                   | 417/420 :  | 417/410.4                                                                |
| 4  | Depth control device for an underwater cable                                                                            | 367/17     | 114/245<br>; 118/110<br>; 367/16                                         |
| 5  | Spin disk encapsulation apparatus and method of use                                                                     | 424/424    | 264/4<br>; 264/7<br>; 264/8                                              |
| 6  | Refrigerant compressor with an electric motor having an insulation film                                                 | 417/410.1  | 417/415<br>; 417/902                                                     |
| 7  | Wire tying tool with drive mechanism                                                                                    | 140/119    | 140/57<br>; 140/93.6                                                     |
| 8  | Emission seal                                                                                                           | 277/364    | 277/366<br>; 277/374<br>; 277/378<br>; 277/387<br>; 277/388<br>; 277/408 |
| 9  | Apparatus and method for puffing cereal grains                                                                          | 99/323.4   | 99/568<br>;                                                              |
| 10 | Ultrasonic scanning head and method                                                                                     | 73/618     | 73/635                                                                   |
| 11 | Hydraulic ammonia solution pump                                                                                         | 417/386    |                                                                          |
| 12 | High frequency electric toothbrush                                                                                      | 15/22.1    | 310/50<br>; 310/68B<br>; 310/79<br>; 318/119<br>; 388/820                |
| 13 | Shutter door assembly                                                                                                   | 114/202    | 114/320                                                                  |
| 14 | Rotatable wash basket for an automatic washer                                                                           | 68/23R     | 68/133<br>; 68/174                                                       |
| 15 | Integrated imaging system                                                                                               | 250/332    | 250/334<br>; 348/205<br>;                                                |
| 16 | Mixer motor with splashproof<br>housing                                                                                 | 310/88     | 310/58<br>; 366/60                                                       |

|                | Retrieval<br>Classif | Inventor                        | s | С | Р | 2 | 3 | 4  | 5 |
|----------------|----------------------|---------------------------------|---|---|---|---|---|----|---|
| 1              |                      | Thoma, Christian Helmut, et al. | × |   |   |   |   |    |   |
| 2              |                      | Lew, Chel W.                    | Ø |   |   |   |   |    |   |
| 3              |                      | Pieters, Ferdinandus A., et al. | ☒ |   |   |   |   | □: |   |
| 4              |                      | Olivier, AndreW.<br>, et al.    | ⊠ |   |   |   |   |    |   |
| 5              |                      | Cochrum, Kent C.                | ☒ |   |   |   |   |    |   |
| 6              |                      | Outzen, Svend Erik              | ☒ |   |   |   |   |    |   |
| 7              |                      | Doyle, Graeme John<br>, et al.  | ☒ |   |   |   |   |    |   |
| 8              |                      | Orlowski, David C.              | ⊠ |   |   |   |   |    |   |
| 9              |                      | Van den Berghe, Rene            | ☒ |   |   |   |   |    |   |
| 10             |                      | Rutherford, Jerry               | × |   |   |   |   |    |   |
| 11             |                      | Kuhlenschmidt, Donald           | ☒ |   |   |   |   |    |   |
| 12 <sub></sub> |                      | Craft, Adam B.<br>, et al.      | ⊠ |   |   |   |   |    |   |
| 13             |                      | Moody, Paul E.                  | ☒ |   |   |   |   |    |   |
| 14             |                      | Sharp, Brenner M., et al.       | ☒ |   |   |   |   |    |   |
| 15             |                      | Taylor, William H.              | × |   |   |   |   |    |   |
| 16             |                      | Kasberger, Peter<br>, et al.    | Ø |   |   |   |   |    |   |

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| ☒ |   | US | 5195933 | A   | 19930323   | 13                                                                                                                                                                              |
| ☒ |   | US | 5163895 | A · | 19921117   | 10                                                                                                                                                                              |
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| ⊠ |   | US | 5003427 | A   | 19910326   |                                                                                                                                                                                 |
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| ☒ |   | US | 4890725 | Α   | 19900102   |                                                                                                                                                                                 |
|   |   |    |         |     |            | <ul> <li>☑ US 5070268 A 19911203</li> <li>☑ US 5011164 A 19910430</li> <li>☑ US 5003427 A 19910326</li> <li>☑ US 4984457 A 19910115</li> <li>☑ US 4911609 A 19900327</li> </ul> |

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|    | Title                                                                    | Current OR | Current XRef                                        |
|----|--------------------------------------------------------------------------|------------|-----------------------------------------------------|
| 17 | Toroidal hyper-expansion rotary engine, compressor, expander, pump and   | 123/221    | 418/195<br>; 418/207                                |
|    | method                                                                   |            | 400/000                                             |
| 18 | Sealed hole-saw arbor                                                    | 408/204    | 408/209<br>; 408/68                                 |
| 19 | Integrated electric motor driven inline hydraulic apparatus              | 310/87     | 417/271                                             |
| 20 | Friction drive transmission                                              | 475/206    | 192/216<br>; 475/214<br>; 74/606R                   |
| 21 | Centrifuge-drier                                                         | 494/36     | 494/13<br>; 494/29<br>; 494/40<br>; 494/56          |
| 22 | Seamless overpack and spin welding apparatus for making same             | 220/613    | 156/69<br>; 156/73.5<br>; 206/524.5<br>; 220/DIG.14 |
| 23 | Integrated thermal imaging system                                        | 250/332    | 250/334<br>; 250/352                                |
| 24 | Pressure balanced mechanical seal assembly with encapsulated double-disk | 277/383    | 267/141.4                                           |
| 25 | spring biassing element Rotor of a magnetomotive device                  | 310/153    | 310/156<br>; 310/43<br>; 310/63<br>; 310/74         |
| 26 | Double-disk, spring-biased mechanical seal assembly                      | 277/383    | 267/141.4                                           |
| 27 | Metal encapsulated multi-phase high voltage switching system filled with | 361/612    | 361/618<br>; 361/640                                |
| 28 | compressed gas Tank gauging apparatus and method                         | 73/149     |                                                     |
| 29 | Fluid pump                                                               | 415/174.2  | 248/674<br>; 277/405<br>; 415/213.1                 |
| 30 | Automatic continuously cycleable molding system and method               | 198/774.1  |                                                     |

|    | Retrieval<br>Classif | Inventor                                 | s | С | P | 2 | 3 | 4 | 5 |
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| 17 |                      | Chomyszak, Stephen M.                    |   |   |   |   |   |   |   |
| 18 |                      | Ecker, Robert J.                         |   |   |   |   |   |   |   |
| 19 |                      | Moon, Jr., Harry C.                      | ₽ |   |   |   |   |   |   |
| 20 |                      | Thoma, Christian H., et al.              |   |   |   |   |   |   |   |
| 21 |                      | Titus, Hans-Joachim                      |   |   |   |   |   |   |   |
| 22 |                      | Unger, Samuel L.<br>, et al.             |   |   |   |   |   |   |   |
| 23 |                      | Taylor, William H.                       |   |   |   |   |   |   |   |
| 24 |                      | Hinks, Raymond W.                        |   |   |   |   |   |   |   |
| 25 |                      | Phelon, Russell D., et al.               |   |   |   |   |   |   |   |
| 26 |                      | Hinks, Raymond W.                        |   |   |   |   |   |   |   |
| 27 |                      | Reichl, Erwin<br>, et al.                |   |   |   |   |   |   |   |
| 28 |                      | Morris, Brian G.                         |   |   |   |   |   |   |   |
| 29 | ,                    | Anderson, George F., et al.              |   |   |   |   |   |   |   |
| 30 |                      | Fierkens, Richardus H.<br>J.<br>, et al. |   |   |   |   |   |   |   |

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|   | 32 | ⊠ |    | US 4784709 A | 19881115   |       |        |
|   | 33 | ☒ |    | US 4747560 A | 19880531   |       |        |
|   | 34 | ☒ |    | US 4743182 A | 19880510   |       |        |
|   | 35 | ⊠ |    | US 4709265 A | 19871124   |       |        |
|   | 36 | ⊠ |    | US 4678876 A | 19870707   |       |        |
|   | 37 | ⊠ |    | US 4648805 A | 19870310   |       |        |
| • | 38 | ⊠ |    | US 4575328 A | 19860311   |       |        |
|   | 39 | ⊠ |    | US 4553851 A | 19851119   |       |        |

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|    | Title                                                                                                    | Current OR | Current XRef                                                                                                                                              |
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| 31 | Automatic continuously cycleable molding system                                                          | 425/116    | 249/83<br>; 425/120<br>; 425/126.1<br>; 425/127<br>; 425/129.1<br>; 425/184<br>; 425/185<br>; 425/186<br>; 425/195<br>; 425/572<br>; 425/575<br>; 425/589 |
| 32 | Seamless overpack and spin<br>welding apparatus for making<br>same                                       | 156/69     | 156/580<br>; 156/73.5<br>; 228/2.3<br>; 53/334<br>; 53/485<br>; 976/DIG.349<br>; 976/DIG.395                                                              |
| 33 | Fishing reel with level wing                                                                             | 242/260    | 242/280                                                                                                                                                   |
| 34 | Rotating piston compressor with thin-walled radially-resilient piston                                    | 418/57     | 418/142<br>; 418/156<br>; 418/63                                                                                                                          |
| 35 | Remote control mobile surveillance system                                                                | 348/158    | 348/211<br>; 348/36<br>; 73/863<br>; 73/864.71<br>; 901/1                                                                                                 |
| 36 | Isolating switch apparatus for a high-voltage switching system which may  be insulated with SF.sub.6 gas | 218/44     | 218/6                                                                                                                                                     |
| 37 | SF.sub.6 gas Air compressor with preloaded clutch                                                        | 417/223    | 192/85AA<br>; 192/91A                                                                                                                                     |
| 38 | Automatic continuously cycleable molding apparatus                                                       | 425/126.1  | 425/129.1<br>; 425/185<br>; 425/186<br>; 425/190<br>; 425/193<br>; 425/225                                                                                |
| 39 | Timepiece operated by solar cells                                                                        | 368/205    | 368/203<br>; 368/204<br>; 968/452<br>; 968/504<br>; 968/DIG.1                                                                                             |

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| 31 |                      | Fierkens, Richardus H.<br>J.<br>, et al. |   |   |   |   |   |   |   |
| 32 |                      | Unger, Samuel L.<br>, et al.             |   |   |   |   |   |   |   |
| 33 |                      | Karlsson, Jarding U.                     |   |   |   |   |   |   |   |
| 34 |                      | Schabert, Hans-Peter                     |   |   |   |   |   |   |   |
| 35 |                      | Silverman, Eugene B.<br>, et al.         |   |   |   |   |   |   |   |
| 36 |                      | Westbrock, Paul<br>, et al.              |   |   |   |   |   |   |   |
| 37 |                      | Beaumont, Paul                           |   |   |   |   |   |   |   |
| 38 |                      | Fierkens, Richardus H.<br>J.<br>, et al. |   |   |   |   |   |   |   |
| 39 |                      | Matsumoto, Akio<br>, et al.              |   |   |   |   |   |   |   |

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|   | 43 |   |   | US 4290267 | A  | 19810922   | 12    |
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| • | 47 |   |   | US 3933041 | A  | 19760120   | 8     |
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|   | 50 |   |   | US 3674196 | A  | 19720704   | 4     |

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| 40 | Indexable machine tool turret and attachments therefor                                     | 82/159     | 29/48.5R<br>; 74/813L<br>; 74/813R<br>; 74/822<br>; 74/826<br>; 82/137                                                            |
| 41 | Elastic-spring drive for the movable contact of an electric grounding or disconnect switch | 200/465    | 74/97.1                                                                                                                           |
| 42 | Rotary disconnect switch                                                                   | 218/86     | \                                                                                                                                 |
| 43 | Method for recouping combustion heat                                                       | 60/648     | 123/3<br>; 123/DIG.12<br>; 60/670<br>; 60/676<br>; 62/46.2                                                                        |
| 44 | Variable throw eccentric                                                                   | 74/25      | 74/117<br>; 74/571R<br>; 74/835<br>; 74/836<br>;                                                                                  |
| 45 | Pressurized water-cooled reactor system                                                    | 376/293    | 165/104.31<br>; 165/104.32<br>; 376/282<br>; 376/288<br>; 376/292<br>; 376/402<br>; 976/DIG.165<br>; 976/DIG.166<br>; 976/DIG.295 |
| 46 | Apparatus for manipulating sheet-like blanks in cigarette packing                          | 493/252    | 493/910                                                                                                                           |
| 47 | machines or the like Bulk material level measuring system                                  | 73/290R    | 200/61.21                                                                                                                         |
| 48 | WHEEL CONSTRUCTION FOR SILO UNLOADER                                                       | 414/322    | 301/44.3<br>;                                                                                                                     |
| 49 | HAND HELD VIBRATOR WITH<br>FLEXIBLE DRIVE SHAFT                                            | 601/72     |                                                                                                                                   |
| 50 | CENTRIFUGAL MIXING AND<br>EXTRACTION APPARATUS                                             | 494/60     | 494/22<br>; 494/64<br>; 494/84                                                                                                    |

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| 40 |                      | Waldron, Joseph P.,<br>, et al. | ⊠ |   |   |   |   |   |   |
| 41 |                      | Lorenz, Dieter                  | × | Ċ |   |   |   |   |   |
| 42 |                      | Konig, Werner<br>, et al.       | × |   |   | 0 |   |   |   |
| 43 |                      | Buchner, Helmut                 | × |   |   |   |   |   |   |
| 44 |                      | Glazier, William J.             | ⊠ |   |   |   |   |   |   |
| 45 |                      | Dorner, Heinrich<br>, et al.    | × |   |   |   |   |   |   |
| 46 |                      | Schwenke, Dieter                | × |   |   |   |   |   |   |
| 47 |                      | Hyer, Frank S.                  | × |   |   |   |   |   |   |
| 48 |                      | Stock, Erwald E.                | Ø |   |   |   |   |   |   |
| 49 |                      | MacFarland, Charles H.          | × |   |   |   |   |   |   |
| 50 |                      | Gutter, Heinrich                | ⊠ |   |   |   |   |   |   |

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